

## A B S T R A C T

### MONITORING SYSTEM FOR MONITORING THE PROGRESS OF NEUROLOGICAL DISEASES

The invention concerns a monitoring system for monitoring patients with disturbed motor function. The monitoring system is characterized by at least one observation station (3) with an electronic camera for recording video motion pictures and devices (10) for marking an object field to be covered by the camera (9), a storage device for the digital storage of video pictures of a patient, which are to be recorded at preselected intervals by the camera in the movement station, an image processing system for processing the video pictures recorded in time intervals to obtain a shortened video picture sequence, and a video display device for displaying the video picture sequence.